Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

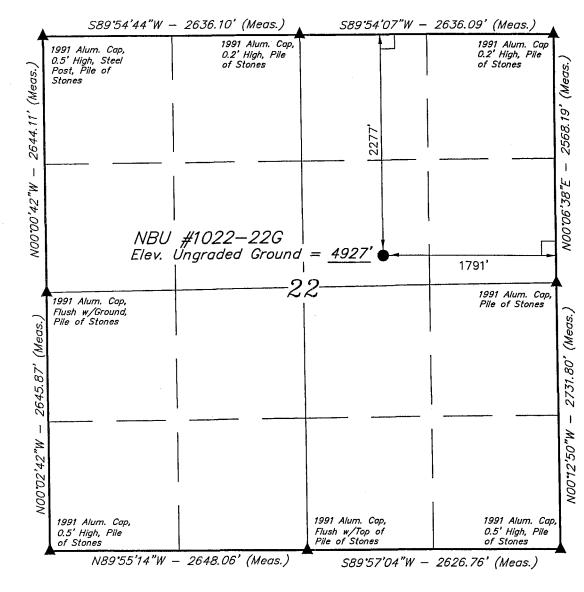
UTU	I-01	19	8-B
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APPLICATION FOR PERMIT TO DRILL OR REENTER				0. If Indian, Another of			
					7. If Unit or CA Agree	ment, Name and No.	
1a. Type of Work: X DRILL	REEN	ITER			UNIT #891008900A		
					8. Lease Name and We	ell No.	
h Type of Well: Oil Well X Gas Well	Other	Пsi	ngle Zone	Multiple Zone	NBU 1022-22G	<u> </u>	
0. 1) po 0. 1. 1	- Cinci				9. API Well No.	- 0.1-0.11	
2. Name of Operator	D				43047	1-38794	
KERR McGEE OIL & GAS ONSHORE L	3	b. Phone No	. (include area co	de)	10. Field and Pool, or F		
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT	84078 /	435) 781-	7024		NATURAL BUTTE		
T C W-11 (Deport location clearly and in acc	ordance with a	iny State requ	irements.*)	-501	11. Sec., T., R., M., or	Blk, and Survey or Area	
At surface SWNE 2277'FNL, 1791'F			39,735	386	050 00 T405 B	225	
At proposed prod. Zone	4961	568Y	-109.	422171	SEC. 22, T10S, R2	13. State	
14. Distance in miles and direction from nearest town of	or post office*				UINTAH	UTAH	
35 MILES SOUTHEAST OF OURAY, UT	[AH			17 Spacing Unit o	ledicated to this well		
15. Distance from proposed* location to nearest		16. No. of A	cres in lease	17. Spacing Ome			
property or lease line, ft. (Also to nearest drig. unit line, if any)		2040.00	•	40.00			
· · · · · · · · · · · · · · · · · · ·		19. Proposed	l Depth	20. BLM/BIA Box	nd No. on file		
 Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 	REFER IUI	7990'	-	BOND NO: W	Y-2357		
	10100		3	Il atort*	23. Estimated duration	<u> </u>	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)		22. Approxi	mate date work w	m start.	25. Estimated duration		
4927'GL			1		<u></u>		
			ttachments				
The following, completed in accordance with the requi	rements of Ons	hore Oil and	Gas Order No. 1,	shall be attached to t	this form:		
		1			unless covered by an existi	ng bond on file (see	
1. Well plat certified by a registered surveyor.			Item 20 at		•	_	
2. A Drilling Plan.				-			
3. A Surface Use Plan (if the location is on National F		ands, the	5. Operator c		ation and/or plans as may b	e required by the	
SUPO shall be filed with the appropriate Forest Ser	vice Office.		6. Such other authorized		ation and/or plans as may o	e required by the	
A A COLOR		Nar	ne (Printed/Typed	7)	ĮI	Date	
25. Signature			EILA UPCHE			10/26/2006	
Title	//						
REGULATORY ANALYST							
Approved by Stenature		Naı	me (Printed/Typed	i)	! !	Date	
Harris III		1		EY G. HILL	<u> </u>	11-04-04	
Title	·	Offi	ice ENVIRONM	ENTAL MANAGER	₹		
())		<u> </u>					
Application approval does not warrant or certify that t	he applicant ho	olds legal or e	quitable title to th	ose rights in the sub	ject lease which would enti	tie the applicant to condi	
operations thereon.	•			٠.			
t if any attached							
Title 18 II S.C. Section 1001 and Title 43 U.S.C. Section	on 1212, make	it a crime for	r any person know	ringly and willfully t	o make to any department	or agency of the United	
States any false, fictitious or fraudulent statements or	representations	as to any ma	tter within its juri	sdiction.			

*(Instructions on reverse)

Federal Approval of this Action is Necessary RECEIVED NOV 0 1 2006

T10S, R22E, S.L.B.&M.



LEGEND:

__ = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39'56'07.33" (39.935369)

LONGITUDE = $109^{\circ}25'22.58"$ (109.422939)

(NAD 27)

LATITUDE = 39'56'07.45" (39.935403) LONGITUDE = 109'25'20.13" (109.422258)

Kerr-McGee Oil & Gas Onshore LP

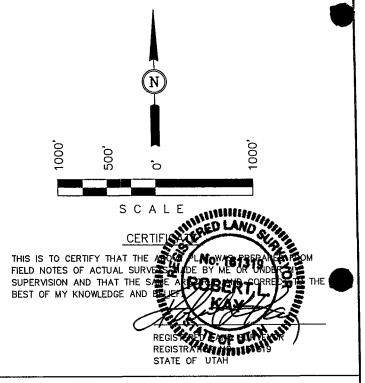
Well location, NBU #1022—22G, located as shown in the SW 1/4 NE 1/4 of Section 22, T10S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

D.R. A.H. D.R.B. REFERENCES G.L.O. PLAT	1" = 1	000'		DATE SURVEYED: 08-02-06	DATE DRAWN: 08-04-06
D.R. A.H. D.R.B. G.L.O. PLAT	PARTY				
	D.R.	A.H.	D.R.B.	G.L.O. PLA	ΛT

WEATHER FILE WARM Kerr

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-22G SWNE SEC 22, T10S, R22E UINTAH COUNTY, UTAH UTU-01198-B

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta Green River Top of Birds Nest Water Mahogany Wasatch Mesaverde MVU2 MVL1	0- Surface 719' 903' 1441' 3661' 5953' 6889' 7432'
TD	7990'

2. <u>Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations</u>:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River Top of Birds Nest Water	719' 903' 1441'
Gas Gas	Mahogany Wasatch Mesaverde	3661' 5953'
Gas Gas	MVU2 MVL1	6889' 7432'
Water Other Minerals	N/A N/A	

3. <u>Pressure Control Equipment</u> (Schematic Attached)

 ${\it Please see the Natural Buttes Unit Standard Operating Procedure (SOP)}.$

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 7990' TD, approximately equals 4954 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3196 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please see Natural Buttes Unit SOP.

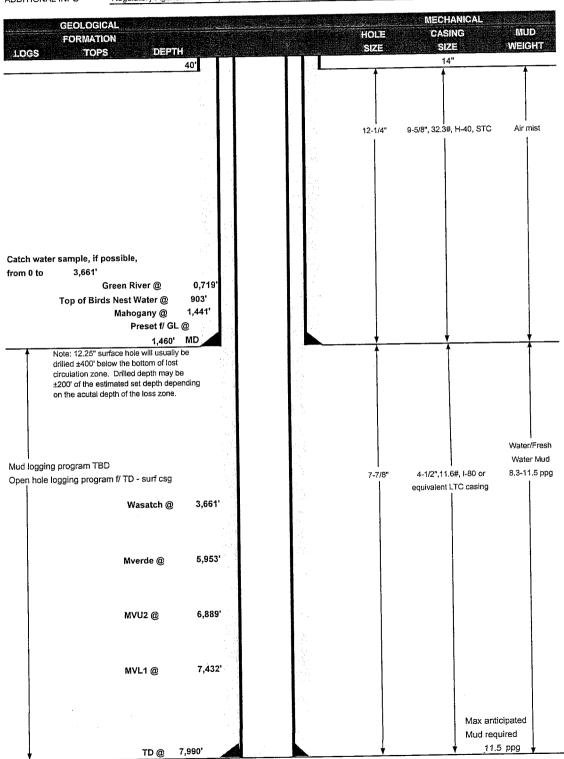
10. Other Information:

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP	DATE	October 2	25, 2006		
WELL NAME	NBU 1022-22G	TD	7,990'	MD/TVD		
	OTATE	Utah	ELEVATION	4,927' GL	KB	4,942'
FIELD Natural Bu	illes Court Strain 470	1'FEL			BHL	Straight Hole
		.422939				
OBJECTIVE ZONE(S)	Wasatch/Mesaverde					
ADDITIONAL INFO	Regulatory Agencies: BLM (SURF & MINERA	ALS), UDOG	M, Tri-County I	lealth Dept.		





KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

							J	DESIGN FACT	DRS
	SIZE	INTE	RVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		40'			OTC.	2270 0.75******	1370 2.01	254000 6.15
SURFACE	9-5/8"	0	to 1460	32.30	H-40	STC	7780	6350	201000
PRODUCTION	4-1/2"	0	to 7990	11.60	i-80	LTC	2.58	1.33	2.48

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

11.5 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

3020 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1:13 psi/ft

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	00	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele				
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to su	ırface, opt	ion 2 will b	e utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
opuon =		+.25 pps Flocele + 3% salt BWOC				
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION LEAD	3,160'	Premium Lite II + 3% KCI + 0.25 pps	350	60%	11.00	3.38
	100 800 8	celloflake + 5 pps gilsonite + 10% gel				
	1	+ 0.5% extender				
	1. 14 Jan 194					
TAIL	4,830'	50/50 Poz/G + 10% salt + 2% gel	1350	60%	14.30	1.31
	Ly is possible	+.1% R-3				

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow
, Nobodiidii	spring centralizers.

ADDITIONAL INFORMATION

<u>L INFORMATION</u>	
est casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.	-
30PE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &	
our sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper	
s lower kelly valves.	
Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.	
Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utililized.	
ENGINEER: DATE:	

DRILLING

Brad Laney DATE:

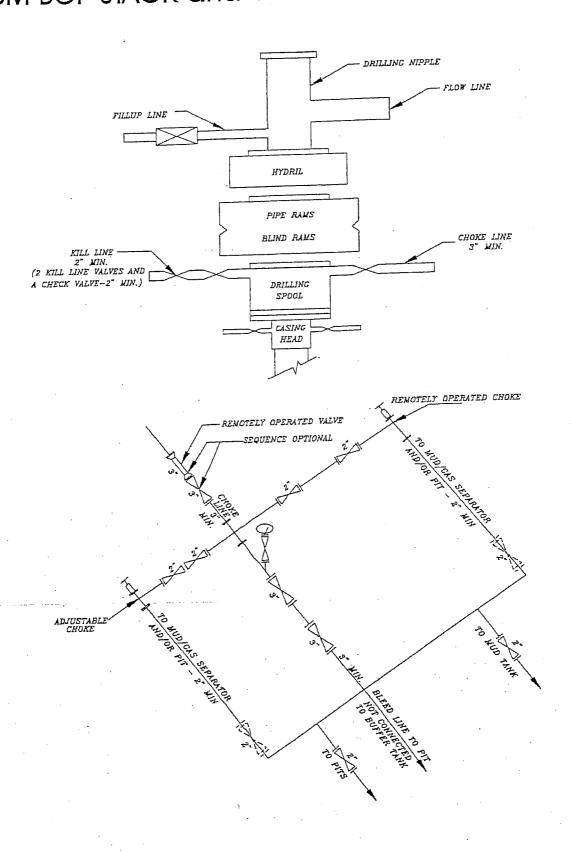
DRILLING SUPERINTENDENT:

NBU1022-22G DHD.xls

Randy Bayne

^{*}Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

5M BOP STACK and CHOKE MANIFOLD SYSTEM



6₁ NBU #1022-22**A** S**E**NE SEC 22, T10S, R22E UINTAH COUNTY, UTAH UTU-01198-B

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.4 +/- miles of new access road. Please refer to the attached Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Variances to Best Management Practices (BMPs) Requested:

Approximately 2169' +/- of 4" pipeline is proposed from the location to an existing pipeline. The pipeline shall be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. <u>Location and Type of Water Supply:</u>

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A 20 mil reserve pit liner with felt will be used. As discussed at the on-site inspection.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Galleta Grass

20 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Other Information:

A Class III Archaeological Survey Report No. 06-428, completed on October 4, 2006 for the well location; The paleontological Survey Report No. 06-255 completed on September 8, 2006; these reports are being submitted along with the Application for Permit to Drill (APD).

WILDLIFE STIPULATIONS:

GOLDEN EAGLE: No construction or drilling from February 1st – July 15th. – Inactive nest if it becomes active with a two year delay. The operator will check with the BLM Biologist.

13. Lessee's or Operator's Representative & Certification:

Sheila Ucphego Regulatory Analyst Kerr-McGee Oil & Gas Onshore LP 1368 South 1200 East Vernal, UT 84078 (435) 781-7024 Randy Bayne Drilling Manager Kerr-McGee Oil & Gas Onshore LP 1368 South 1200 East Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bold #WY-2357.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Mult Janhage Sheila Upchego

10/26/2006

Date

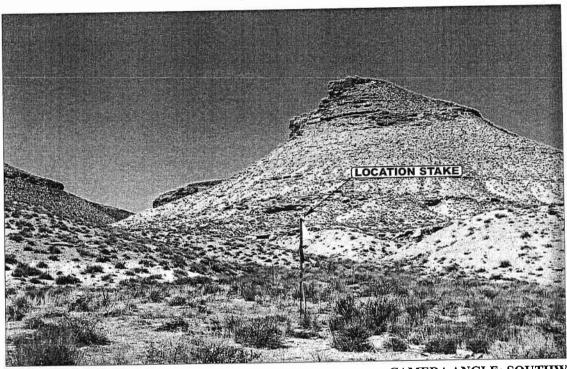
Kerr McGee Oil & Gas Onshore LP NBU #1022-22G SECTION 22, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 10.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ROAD RE-ROUTE TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 360' TO THE BEGINNING OF PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 130' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 55.3 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #1022-22G LOCATED IN UINTAH COUNTY, UTAH SECTION 22, T10S, R22E, S.L.B.&M.



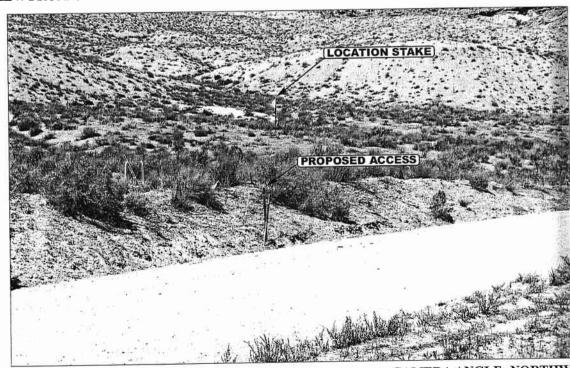


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



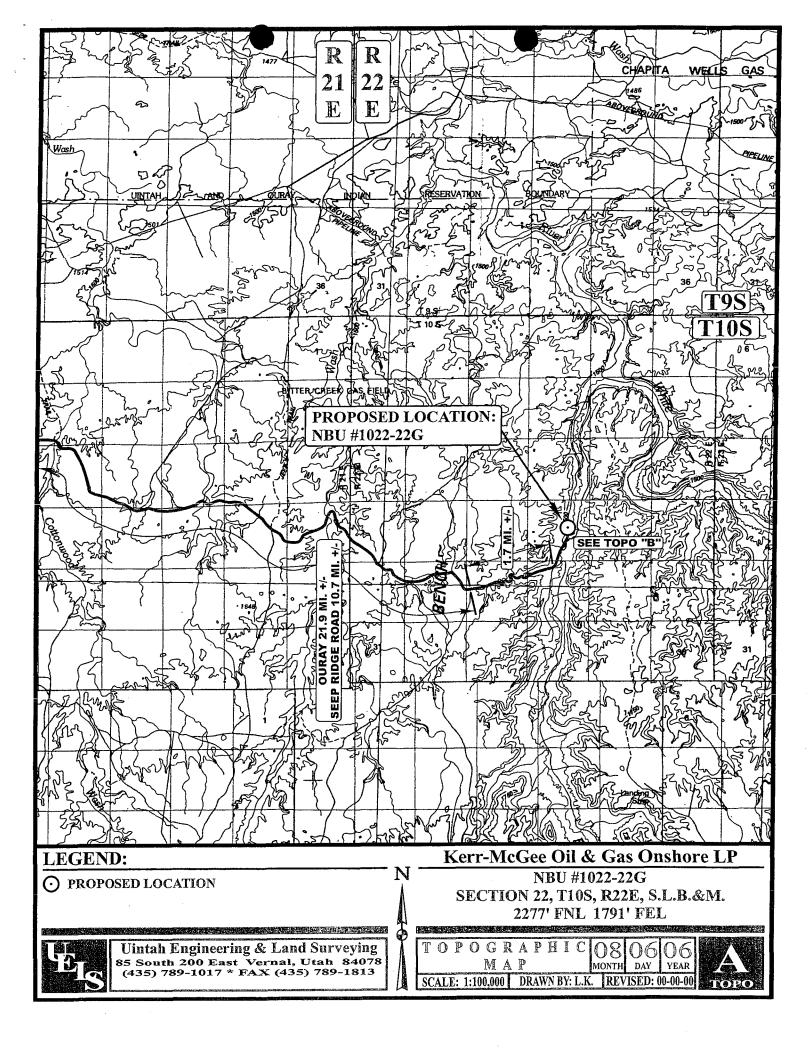
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

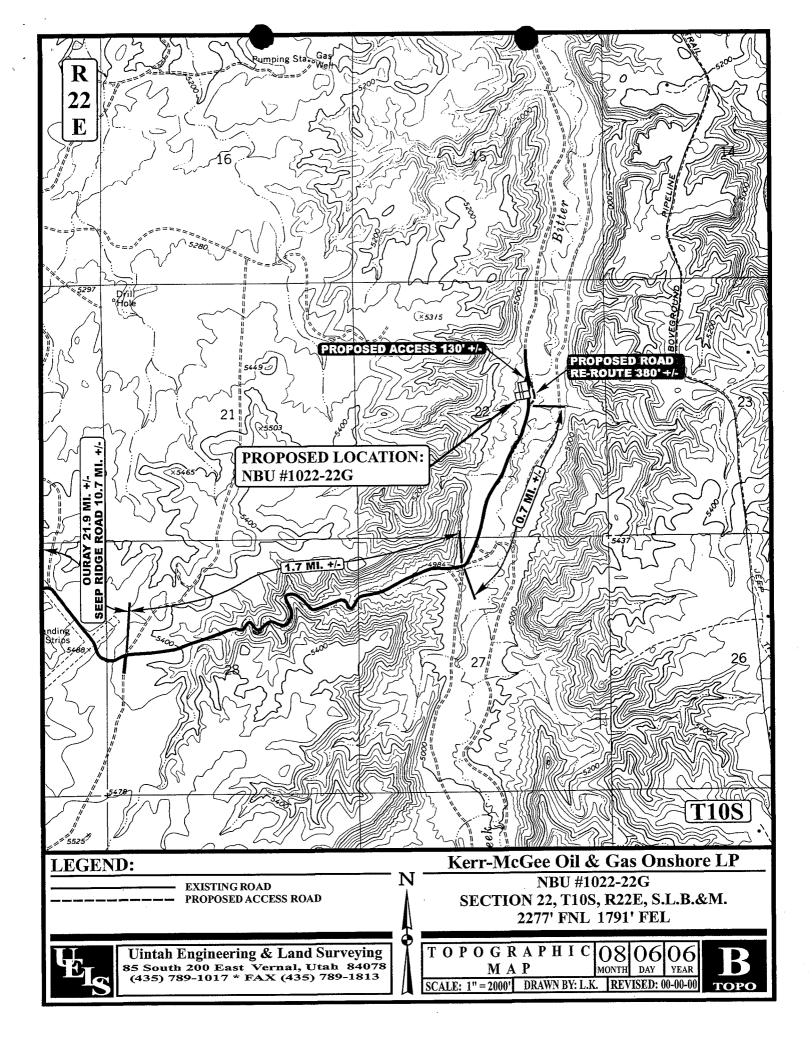
LOCATION PHOTOS

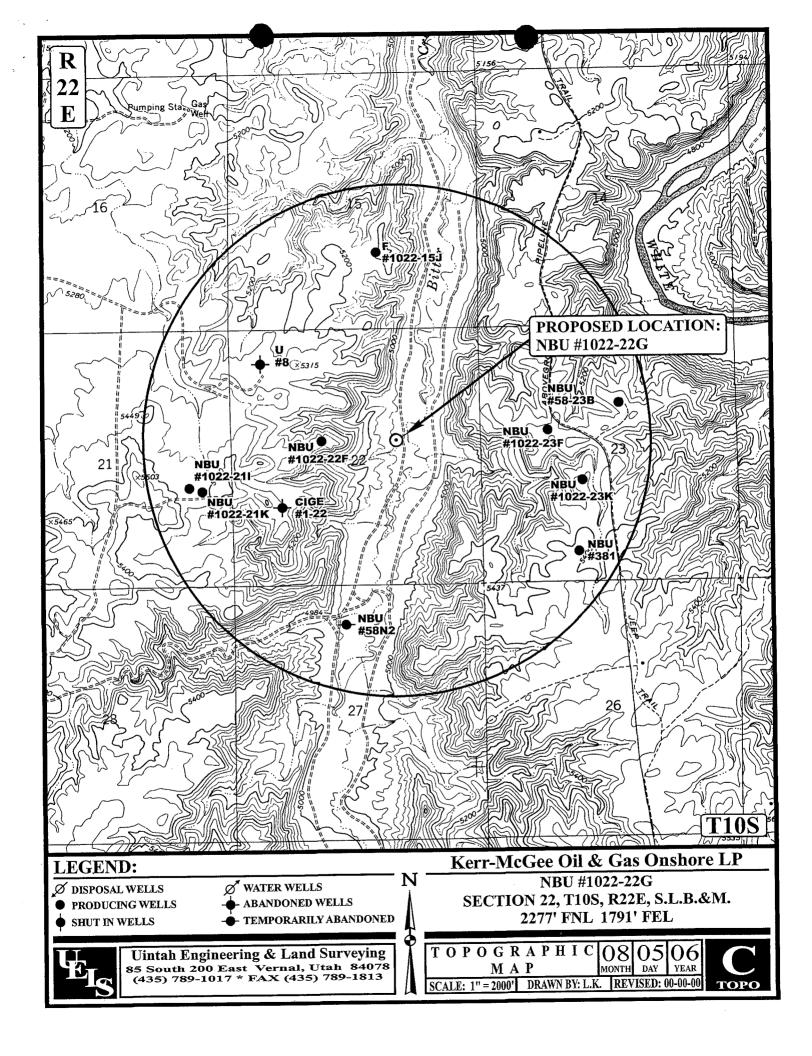
MONTH DAY

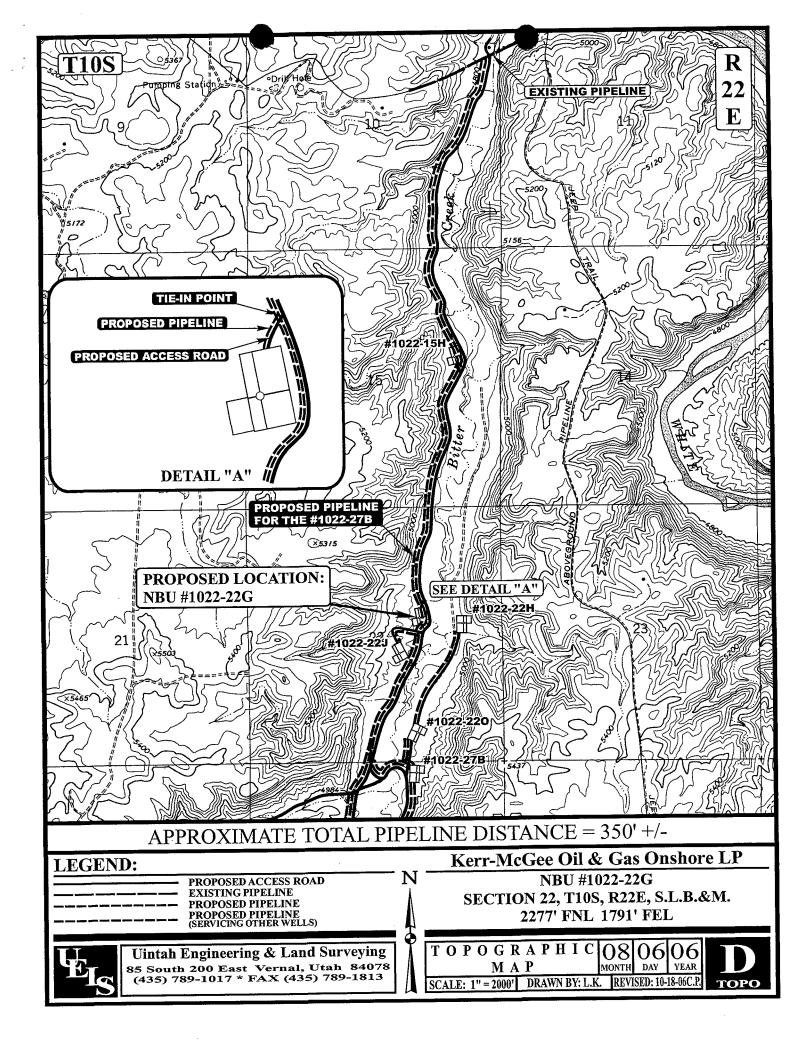
РНОТО

TAKEN BY: B.H. | DRAWN BY: L.K. | REVISED: 00-00-00





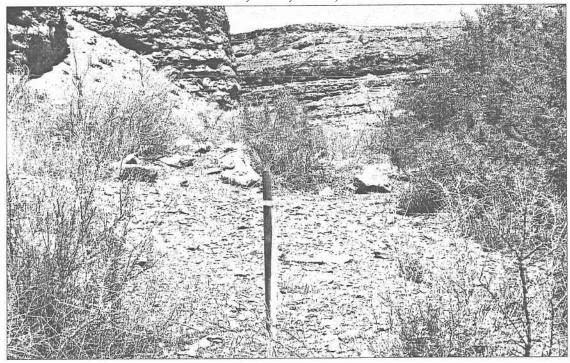




Kerr-McGee Oil & Gas Onshore LP

NBU #1022-22G

PIPELINE ALIGNMENT
LOCATED IN UINTAH COUNTY, UTAH **SECTION 22, T10S, R22E, S.L.B.&M.**



CAMERA ANGLE: NORTHEASTERLY

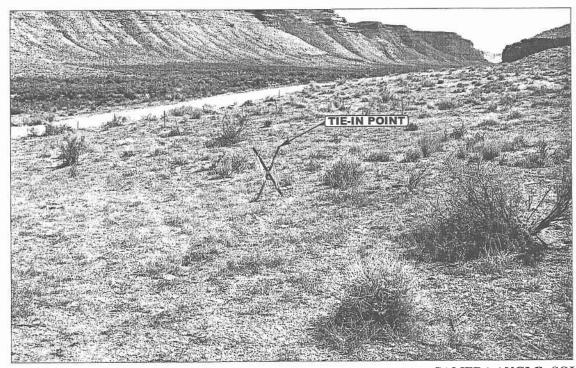


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: SOUTHERLY



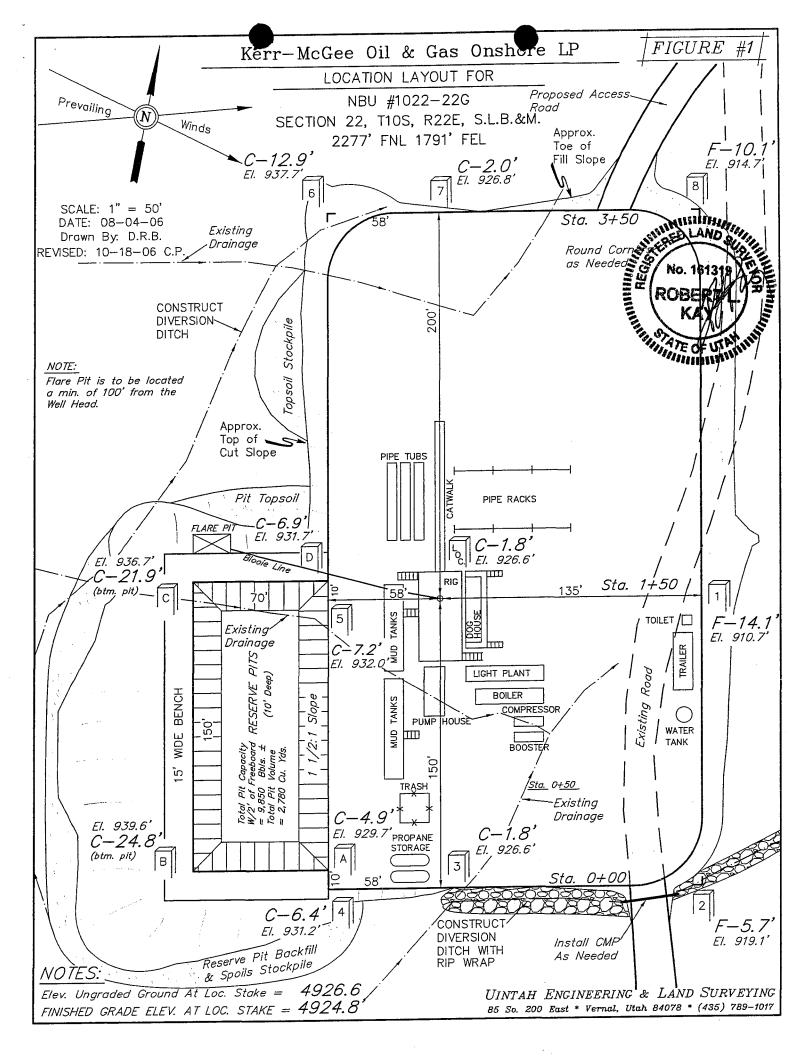
Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

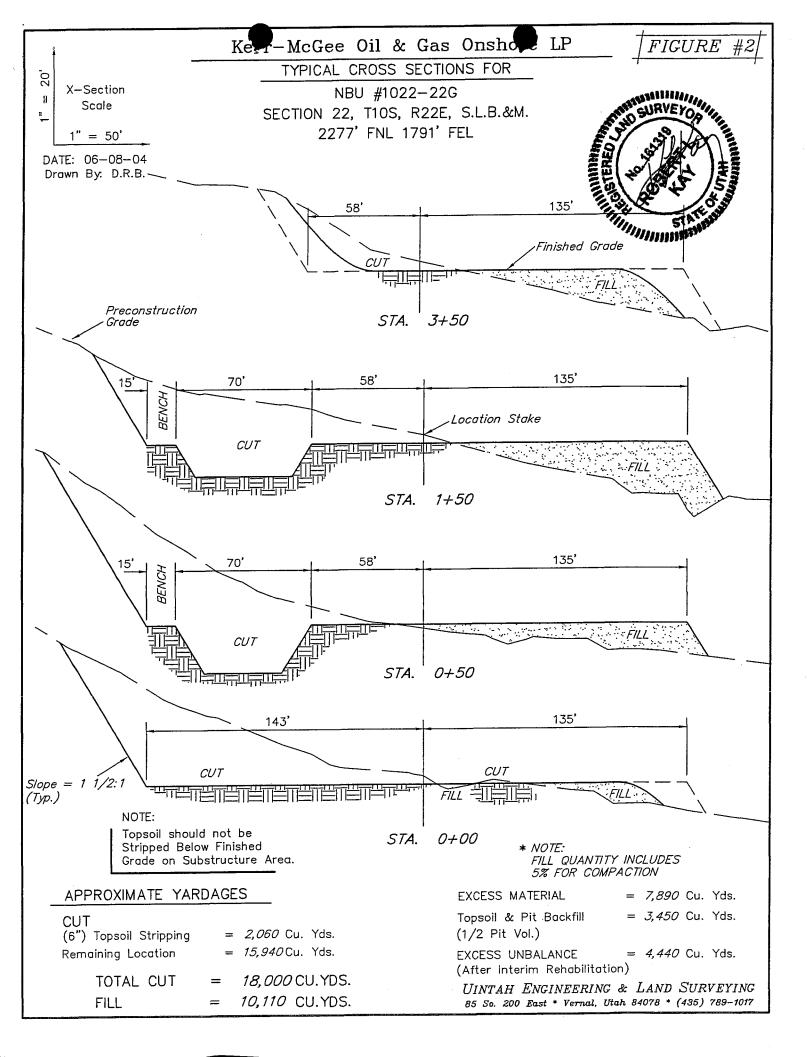
LOCATION PHOTOS

08 06 06 MONTH DAY YEAR

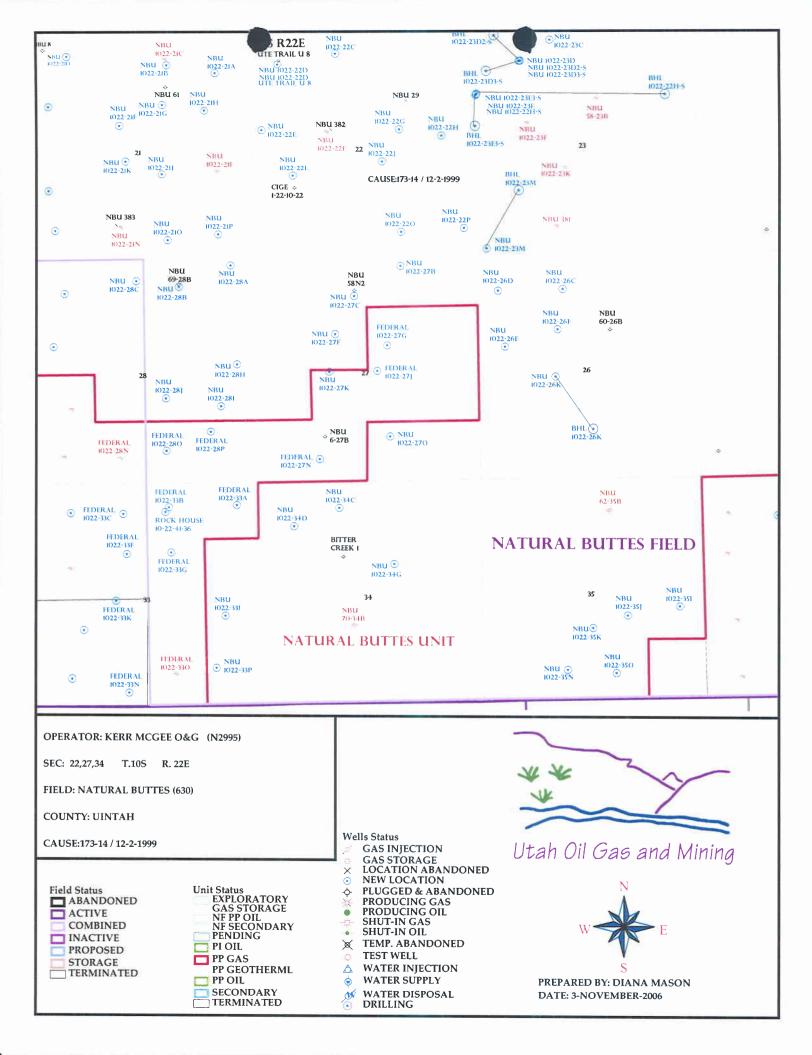
РНОТО

TAKEN BY: B.H. | DRAWN BY: L.K. | REVISED: 00-00-00





APD RECEIVED: 11/01/2006		API NO. ASSIG	SNED: 43-047	7-38794		
WELL NAME: NBU 1022-22G OPERATOR: KERR-MCGEE OIL & GAS (N2995) CONTACT: SHEILA UPCHEGO		PHONE NUMBER:	435-781-7024	4		
PROPOSED LOCATION:		INSPECT LOCATN	BY: /	/		
SWNE 22 100S 220E		Tech Review	Initials	Date		
SURFACE: 2277 FNL 1791 FEL BOTTOM: 2277 FNL 1791 FEL		Engineering				
COUNTY: UINTAH		Geology				
LATITUDE: 39.93539 LONGITUDE: -109.4222 UTM SURF EASTINGS: 634816 NORTHINGS: 44219	568	Surface				
FIELD NAME: NATURAL BUTTES (630 LEASE TYPE: 1 - Federal			<u> </u>			
LEASE NUMBER: UTU-01198-B SURFACE OWNER: 1 - Federal		PROPOSED FORMAT		VD		
Plat Plat No. wy-2357 Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496 (No				g mun. Trees		
COMMENTS: Sop, Seperate SW						
STIPULATIONS: 1- Jest Approva						



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 6, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Natural Buttes Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API# WELL NAME LOCATION

(Proposed PZ Wasatch/MesaVerde)

43-047-38799 NBU 1022-27F Sec 27 T10S R22E 1809 FNL 1878 FWL 43-047-38795 NBU 1022-270 Sec 27 T10S R22E 1016 FSL 2127 FEL 43-047-38808 NBU 1022-34C Sec 34 T10S R22E 0655 FNL 1908 FWL 43-047-38807 NBU 1022-34D Sec 34 T10S R22E 1067 FNL 0825 FWL 43-047-38802 NBU 1022-22H Sec 22 T10S R22E 2442 FNL 0792 FEL 43-047-38803 NBU 1022-22P Sec 22 T10S R22E 0636 FSL 0296 FEL 43-047-38792 NBU 1022-22D Sec 22 T10S R22E 257 FSL 2209 FEL 43-047-38793 NBU 1022-22D Sec 22 T10S R22E 257 FSL 2209 FEL 43-047-38794 NBU 1022-22D Sec 22 T10S R22E 257 FNL 1798 FEL 43-047-38806 NBU 1022-22G Sec 22 T10S R22E 2277 FNL 1791 FEL 43-047-38806 NBU 1022-34G Sec 34 T10S R22E 1991 FNL 2080 FEL 43-047-38804 NBU 1022-27B Sec 27 T10S R22E 0228 FNL 1825 FEL 43-047-38880 NBU 1022-9K-2T Sec 09 T10S R22E 2126 FSL 1483 FWL

Our records indicate the 1022-270 is closer than 460 feet from the Natural Buttes Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

bcc: File - Natural Buttes Unit Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:11-6-06



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > November 7, 2006

Kerr McGee Oil & Gas Onshore LP 1368 S 1200 E Vernal, UT 84078

Re:

Natural Buttes Unit 1022-22G Well, 2277' FNL, 1791' FEL, SW NE, Sec. 22, T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38794.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Location: SW NE	Sec. 22	T. 10 South	R . 22 East			
Lease:	UTU-01198-B					
API Number:	43-047-38794		14			
Well Name & Number	Natural Buttes Unit 1022-22G					
Operator:	Kerr McGee Oil & Gas Onshore LP					

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

March 9, 2007

Sheila Upchego Kerr-McGee O&G Onshore LP 1368 South 1200 East Vernal, UT 84078

Re: APD Rescinded at the request of Kerr McGee

Dear Ms. Upchego:

Enclosed find the APD list that was requested to be rescinded to Kerr-McGee per Raleen White and you dated March 9, 2007. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective March 9, 2007.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Masor

Environmental Scientist

cc: Well File

Bureau of Land Management, Vernal

Well Name	API Number
NBU 1022-35I	43-047-35677
NBU 1022-19L	43-047-37598
NBU 1022-21-0	43-047-37174
NBU 1022-19K	43-047-37783
NBU 1022-22G	43-047-38794
NBU 1022-21A	43-047-36089
NBU 1022-19M	43-047-37599
NBU 1022-19N	43-047-37597
NBU 1022-21J	43-047-37175
NBU 1022-21P	43-047-37173
NBU 1022-22C	43-047-37177
NBU 1022-22E	43-047-37176
NBU 1022-29A	43-047-37101
NBU 1022-30I	43-047-37600
NBU 1022-30J	43-047-37551
NBU 1022-30N	43-047-37550
BITTER CREEK 1122-3H	43-047-38822
BITTER CREEK 1122-3I	43-047-38809
BITTER CREEK 1122-5M	43-047-38121
BITTER CREEK 1122-6B	43-047-38118
BITTER CREEK 1122-6F	43-047-38117
BITTER CREEK 1122-6G	43-047-38116
BITTER CREEK 1122-6H	43-047-38115
BITTER CREEK 1122-6J	43-047-38114
BITTER CREEK 1122-6L	43-047-38112
BITTER CREEK 1122-6P	43-047-38110
FEDERAL 1021-24E	43-047-38175
FEDERAL 1021-24G	43-047-38174
FEDERAL 1021-24K	43-047-38176
FEDERAL 1021-24M	43-047-38177
FEDERAL 1022-29E	43-047-37102
FEDERAL 1022-29G	43-047-37357
FEDERAL 1022-31M	43-047-37358
FEDERAL 1022-31O	43-047-37104
MULLIGAN 823-3F	43-047-38620
MULLIGAN 823-3P	43-047-38619
MULLIGAN 823-4B	43-047-38621
MULLIGAN 823-13L	43-047-38626
MULLIGAN 823-200	43-047-38628
MULLIGAN 822-13G	43-047-36556
MULLIGAN 823-18E	43-047-36557